

**OLIFF & BERRIDGE, PLC**

ATTORNEYS AT LAW

277 SOUTH WASHINGTON STREET, SUITE 500  
ALEXANDRIA, VIRGINIA 22314TELEPHONE: (703) 836-6400  
FACSIMILE: (703) 836-2787E-MAIL: COMMCENTER@OLIFF.COM  
WWW.OLIFF.COM**FACSIMILE TRANSMISSION COVER SHEET**

November 9, 2001

To: Mr. Alan Mathews  
Primary Examiner  
Group Art Unit 2851

703-305-3431

From: Mario A. Costantino

Your Ref.: 09/320,472 Our Ref.: 110197.98

Number of Pages Sent (Including cover sheet):

13

Prepared By: JAO:MAC/ms

Comments:

Sent by:

ms

This facsimile is intended only for the use of the individual or entity named above and may contain privileged or confidential information. If you are not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are notified that any review, dissemination, distribution or copying of this facsimile is prohibited. If you have received this facsimile in error, please immediately notify us by facsimile or telephone, and return the facsimile to us by mail at the above address.

FAX COPY RECEIVED

NOV 9 2001

TECHNOLOGY CENTER 2600

**PTO RECEIPT FOR FILING OF PAPERS**

The following papers have been filed:

Supplemental Amendment in Reissue Application, original executed Supplemental  
Reissue Declaration

**Name of Applicant:** Kazuo USHIDA et al.

**Serial No.:** 09/320,472

**Atty. File No.:** 110197.98

**Title (New Cases):** PROJECTION EXPOSURE APPARATUS

**Sender's Initials:** JAO:MAC/ccs

89/2



**PATENT OFFICE DATE STAMP**

**COPY TO BE STAMPED BY PATENT OFFICE  
AND RETURNED BY MESSENGER**

FAX COPY RECEIVED

NOV 9 2001

TECHNOLOGY CENTER 2800

**REISSUE PATENT APPLICATION**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Kazuo USHIDA et al.

Group Art Unit: 2851

Application No.: 09/320,472

Examiner: A. Mathews

Filed: May 25, 1999

Docket No.: 110197.98

For: PROJECTION EXPOSURE APPARATUS

#12  
11/13/01  
ajc**SUPPLEMENTAL REISSUE DECLARATION**Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

We, Kazuo USHIDA, Masaomi KAMEYAMA and Takashi MORI, hereby declare that:

1. We are citizens of Japan with the addresses as stated below next to our names.
2. This is a Supplemental Reissue Declaration submitted in part based on additional errors which are corrected by the September 4, 2001 Amendment.

3. Errors identified in paragraphs 6-7 of the Reissue Declaration are still being corrected in this Reissue application.

4. All errors being corrected in this reissue application up to the time of filing this Supplemental Reissue Declaration, including every error not covered by the prior Reissue Declaration submitted in this application, arose without any deceptive intention on our part.

5. We have reviewed and understand the contents of the specification and claims of the above-captioned reissue application and this Supplemental Reissue Declaration.

6. We believe that Kazuo USHIDA and Masaomi KAMEYAMA are the original and first and joint inventors of the invention described and claimed in U.S. Letters Patent No. 5,530,518.

Application No. 09/320,472

see  
MPER  
4/12.04

7. As a result of claims added in the September 4, 2001 Amendment filed in this reissue application, we believe that Takashi MORI is also an inventor of this reissue application. That is, we believe that Kazuo USHIDA, Masaomi KAMEYAMA and Takashi MORI are the original and first and joint inventors of the invention described and claimed in the above-captioned reissue application.

8. We claim the priority benefits of Japanese Patent Application No. 3-343601 filed in Japan on December 25, 1991.

9. We acknowledge our duty to disclose information which is material to the examination of this reissue application in accordance with 37 C.F.R. §1.56(a).

10. We consider U.S. Patent No. 5,530,518 to be partly inoperative by reason of claiming less than we had a right to claim because the original claims are unduly limited and may not provide an adequate scope of protection. For example, all of the claims of the original Letters Patent recite two conditions that are satisfied (namely,  $1/3 \leq d_1/d_2 \leq 2/3$  and  $0.45 \leq NA_2/NA_1 \leq 0.8$ ). However, the invention is not limited to apparatus/methods in which those two conditions are satisfied. Rather, the invention pertains to various apparatus/methods without necessarily including the above-noted features. For example, independent reissue claims 26 and 27 recite only one of those two conditions, and independent reissue claims 28, 29, 97, 103 and 113 do not recite either of those two conditions.

MPER  
14/12.04

11. As a result of adding new claims 99-102, 106-108, 110-112, 114-119, 124-126, 128 and 130-132, Takashi MORI should also be added as an inventor of this reissue application.

12. We have reviewed and understand the contents of this Supplemental Reissue Declaration, and all statements made herein of our knowledge are true, and all statements made on information and belief are believed to be true; and further these statements were

Application No. 09/320,472

made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the U.S. Code and that such willful false statements may jeopardize the validity of the application or any patent reissued thereon.

Date: 13/09/2001Kazuo Ushida

Kazuo USHIDA

Residence: Tokyo, JAPAN

Address: c/o Nikon Corporation  
2-3, Marunouchi 3-chome,  
Chiyoda-ku, Tokyo, JAPANDate: 20/09/2001Masaomi Kameyama

Masaomi KAMEYAMA

Residence: Tokyo, JAPAN

Address: c/o Nikon Corporation  
2-3, Marunouchi 3-chome,  
Chiyoda-ku, Tokyo, JAPANDate: 21/09/2001Takashi Mori

Takashi MORI

Residence: Tokyo, JAPAN

Address: c/o Nikon Corporation  
2-3, Marunouchi 3-chome  
Chiyoda-ku, Tokyo, JAPAN